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(54) Title: METHODS AND APPARATUSES FOR PROVIDING SYNCHRONIZATION IN A COMMUNICATION NETWORK

(57) Abstract

The present invention refers to methods and apparatuses for providing synchronization in a communication network wherein data is transferred on bitstreams in frames, each frame of a bitstream being defined by a recurrent frame synchronization signal that is transmitted on said bitstream. According to the invention, information relating to the timing of the detection of a recurrent frame synchronization signal is generated and transmitted to at least one frame synchronization providing node of said network, said information preferably being used at said frame synchronization providing node for controlling the transmission of said recurrent frame synchronization signal based thereupon.